



PLTW BIOMEDICAL SCIENCE

PLTW BIOMEDICAL SCIENCE I

DOE CODE: 5218 5216 5276

Dual Credit Courses

Principles of Biomedical Sciences (BIOL 10011)

Human Body Body (BIOL 10012)

Three credits per Dual Credit Course

PLTW BIOMEDICAL SCIENCE II

DOE CODE: 5217 5219

Dual Credit Courses

Medical Intervention (BIOL 10013)

Three credits per Dual Credit Course



High School Credit Courses (Year I & II)

5218 PLTW Principles of the Biomedical Sciences

5216 PLTW Human Body Systems

5276 Anatomy & Physiology

5217 PLTW Medical Interventions

5219 PLTW Biomedical Innovation

4 credits per semester, Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

PROGRAM OVERVIEW

This rigorous and relevant curriculum uses activities, projects, and problems to expose students to Biomedical Science content and careers. From the moment students walk into the classroom, they are immersed in a crime scene investigation to study forensic science, human body systems, and medical Interventions ranging from autopsies, drug analysis, EKG, Clay Manikens®, prosthetic designs, and more!

REQUIRED SKILLS

- Basic Math, Literacy, Science foundational skills
- Beneficial to have a background in geometry
- Minimum discipline referrals
- Good attendance rate
- Must be able to handle a very structured environment (rules, policies, procedures)
- Biology or Taking Biology concurrently (grade of C or higher preferred)

SUPPLIES / MATERIALS Total: \$20 - \$80

Year 1) Lab Coat - Required (\$25), HOSA Membership - Required (\$15), First Aid & CPR - Required (\$15), Class T-Shirt - Optional (\$20), Gloves & Safety Glasses - Required (\$5)

Year 2) HOSA Membership - Required (\$15), Gloves & Safety Glasses - Required (\$5), Class T-Shirt - Optional (\$20), First Aid & CPR - Optional (\$15), Lab Coat (\$25) - Should have from year 1



CERTIFICATIONS

First Aid, CPR



Central Nine Career Center

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